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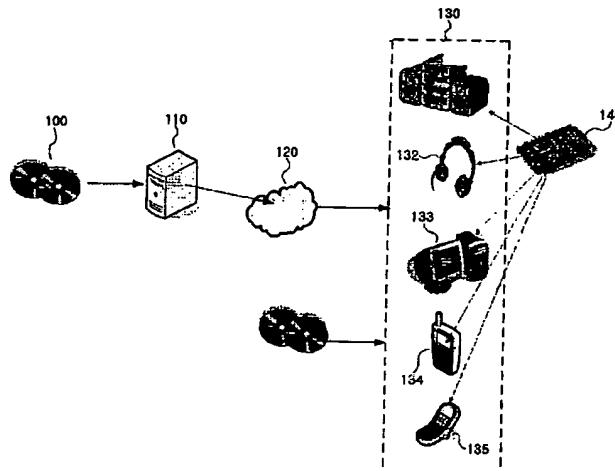
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(54) Title: APPARATUS AND METHOD FOR DISTORTING DIGITAL CONTENTS AND RECOVERING THE DISTORTED CONTENTS



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(57) Abstract: A distorted contents generating apparatus is provided. The distorted contents generating apparatus includes: an initial value generation unit for generating an initial value used to generate a random number for a distorting filter; a random number generation unit for generating a random number for the distorting based on the initial value transmitted from the initial value generation unit; a filter generation unit for generating a distorting filter based on the random number; a data filtering unit for distorting an original contents by filtering the original contents with the distorting filter; an encoding unit for encoding the distorted contents output from the data filtering unit; a signal insertion unit for encrypting the initial value information generated by the initial value generation unit and inserting the encrypted filter initial value into the distorted contents; and an image correction unit for inserting image correction information into the encoded distorted contents transmitted from the encoding unit.